

IN THE CLAIMS

Claims 1-20 (canceled)

Claim 21 (new): An apparatus comprising:

a casing defining a cavity having a top, a bottom, and front and rear ends, and configured to conduct a mixture of a liquid and a contaminant through the cavity from the front end to the rear end; and

a coalescer, in the cavity, comprising an inclined stack of corrugated plates extending rearward and upward, each plate having corrugations extending rearward and upward.

Claim 22 (new): The apparatus of claim 21 wherein each plate has bottom and top edges, and the corrugations extend fully from the bottom edge to the top edge.

Claim 23 (new): The apparatus of claim 21 further comprising an upper baffle extending from a front end of the coalescer upward to the top of the cavity, configured to block the mixture from bypassing the coalescer by flowing rearwardly over the coalescer.

Claim 24 (new): The apparatus of claim 23 wherein the upper baffle has a bypass flow opening through which the liquid can bypass the coalescer when the liquid is above a predetermined level.

Claim 25 (new): The apparatus of claim 21 further comprising a lower baffle extending from a rear end of the coalescer downward to the bottom of the cavity, configured to block any of the mixture that is under the coalescer from flowing rearwardly onward to the rear end of the cavity without first flowing through the coalescer.

Claim 26 (new): The apparatus of claim 21 wherein the corrugations of one of the plates are positioned directly above respective corrugations of the plate just below it.

Claim 27 (new): The apparatus of claim 21 further comprising an outlet tube at the rear end of the cavity through which the liquid can exit the cavity, the outlet tube defining a horizontal outlet channel with a bottom that is above the top of the coalescer.

Claim 28 (new): The apparatus of claim 27 further comprising a weir extending upward from the bottom of the cavity and located between the coalescer and the front end, the weir having fluid flow apertures below the channel bottom and a horizontal top edge above the channel bottom.